

















| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 1645 | menzel-\$\$.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/01/31 14:51 |
| L2    | 2    | 1 and (directed adj2 gene adj2 assembly)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/01/31 14:56 |
| L3    | 124  | menzel-r\$.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/01/31 14:51 |
| L4    | 4    | 3 and (homologous adj2 recomb\$7)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/01/31 14:56 |
| L5    | 2    | 4 not 2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/01/31 14:53 |
| L6    | 111  | Morphochem-\$.as.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/01/31 14:53 |
| L7    | 0    | 6 and (directed adj2 gene adj2 assembly)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/01/31 14:53 |
| L8    | 2    | 6 and (homologous adj2 recomb\$7)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/01/31 14:54 |
| L9    | 7    | (directed adj2 gene adj2 assembly)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/01/31 14:56 |
| L10   | 3    | 9 and (homologous adj2 recomb\$7)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/01/31 14:57 |
| L11   | 4606 | (gene or genetic or DNA or polynucleotide) with (shuffl\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/01/31 14:58 |
| L12   | 4    | 9 not 10  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/01/31 14:59 |

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|-----|-------|--|------------------------------------|----|-----|------------------|
| L13 | 2470  | 11 and (homologous adj2 recombina\$7)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 14:59 |
| L14 | 573   | 11 same (homologous adj2 recombina\$7)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 14:59 |
| L15 | 221   | 11 with (homologous adj2 recombina\$7)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:08 |
| L16 | 111   | 11 with ((homologous adj2 recombina\$7) with (cell\$6 or vivo or bacter\$4 or coli or escherichia or haemophilus or influenzae or neisseria or meningiditis))        | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:19 |
| L17 | 57179 | negative\$4 with select\$4   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:02 |
| L18 | 57211 | negativ\$4 with select\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:02 |
| L19 | 52    | 16 and 18  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:06 |
| L20 | 0     | 16 same 18   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:03 |
| L21 | 2542  | short-\$.in. or diversa-\$.as.   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:06 |
| L22 | 57    | 21 and 16  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:06 |
| L23 | 1     | (11 with ((homologous adj2 recombina\$7) with (cell\$6 or vivo or bacter\$4 or coli or escherichia or haemophilus or influenzae or neisseria or meningiditis))).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:07 |
| L24 | 0     | (11 with ((homologous adj2 recombina\$7) with (cell\$6 or vivo or bacter\$4 or coli or escherichia or haemophilus or influenzae or neisseria or meningiditis))).ti.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:07 |

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|-----|------|--|---|----|-----|------------------|
| L25 | 2    | (11 with (homologous adj2 recombina\$7)).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:08 |
| L26 | 0    | (11 with (homologous adj2 recombina\$7)).ti.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:08 |
| L27 | 2    | donor with target with homologous with recombina\$8 with negativ\$4 with select\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:11 |
| L28 | 213  | flank\$4 with homologous with recombina\$8 with negativ\$4 with select\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:18 |
| L29 | 0    | 28 and 21  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:11 |
| L30 | 0    | 28 and 1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:11 |
| L31 | 0    | 28 and 6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:11 |
| L32 | 5    | 11 and 28  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:16 |
| L33 | 2    | "6379964".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:17 |
| L34 | 938  | homologous with recombina\$8 with negativ\$4 with select\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:18 |
| L35 | 830  | 34 and ((homologous adj2 recombina\$7) with (cell\$6 or vivo or bacter\$4 or coli or escherichia or haemophilus or influenzae or neisseria or meningiditis)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:24 |
| L36 | 9752 | (librar\$4 or pluralit\$4) with (variants or mutants or mutations)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:21 |

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| L37 | 160   | 35 and 36  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:23 |
| L38 | 165   | ((librar\$4 or pluralit\$4) with (variants or mutants or mutations)) and 34  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:23 |
| L39 | 160   | ((librar\$4 or pluralit\$4) with (variants or mutants or mutations)) and 34 and 35   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:22 |
| L40 | 0     | ((librar\$4 or pluralit\$4) with (variants or mutants or mutations)) and 34).<br>clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:23 |
| L41 | 13738 | ((homologous adj2 recombinat\$7) with (cell\$6 or vivo or bacter\$4 or coli or escherichia or haemophilus or influenzae or neisseria or meningiditis)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:31 |
| L42 | 4865  | 36 and 41  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:25 |
| L43 | 33    | 36 same 41   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:25 |
| L44 | 27    | 43 and (negativ\$6 adj3 select\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:32 |
| L45 | 7     | 36 with 41   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:25 |
| L46 | 3     | 45 and (negativ\$6 adj3 select\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:29 |
| L47 | 3652  | gene with (targeting or knockout) with vector\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:32 |
| L48 | 1803  | 47 and 41  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:30 |

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|-----|-----|--|---|----|-----|------------------|
| L49 | 769 | 48 and (negativ\$6 adj3 select\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:31 |
| L50 | 568 | ((homologous adj2 recombinat\$7) with (cell\$6 or vivo or bacter\$4 or coli or escherichia or haemophilus or influenzae or neisseria or meningiditis))).clm. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:31 |
| L51 | 129 | (gene with (targeting or knockout) with vector\$1).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:32 |
| L52 | 43  | 50 and 51  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:32 |
| L53 | 9   | 52 and (negativ\$6 adj3 select\$4).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:37 |
| L54 | 96  | recombinational adj2 cloning   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:38 |
| L55 | 43  | 54 and hartley-\$.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:38 |
| L56 | 26  | 55 and (homologous adj2 recombin\$6)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:38 |
| L57 | 25  | 56 and (negativ\$6 adj3 select\$8)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:39 |
| L58 | 4   | 56 and ((homologous adj3 recombin\$8) with (negativ\$6 adj3 select\$8))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:44 |
| L59 | 2   | "5985598".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:46 |
| L60 | 2   | "6299850".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/31 15:46 |

-  Drafts
-  Pending
-  Active
  -  L3: (1) "4673640".pn.
-  Failed
-  Saved
  -  S1: (10) "20020007051"
  -  S2: (3) ("5985598" "6379964" "5888732").pn.
  -  S3: (4) "486139".ap.
  -  S4: (23) "486139"
  -  S5: (4) "920118".ap.
-  Favorites
-  Tagged (0)
-  UDC
-  Queue
-  Trash